

Section III. Remarks

By the present amendment, claims 8-10, 18, 19, 26, and 31-40 have been amended, and claims 41-102 are newly presented. No new matter has been added pursuant to 35 U.S.C. § 132. It is requested that further examination proceed on the basis of claims 1-102 as now pending in the application.

A. Claim Rejections

Claims 1-40 were rejected under the judicially-created doctrine of obviousness-type double patenting as being allegedly unpatentable over claims 1-20 of U.S. Patent No. 6,591,085 B1 in view of U.S. Patent No. 6,532,152 to White, et al.

B. Terminal Disclaimer

Pursuant to 37 C.F.R. § 1.130(b), a timely filed terminal disclaimer in compliance with 37 C.F.R. § 1.321(c) may be used to overcome an actual or provisional rejection based on nonstatutory double patenting grounds provided that the conflicting application or patent is shown to be commonly assigned with the pending application to which the rejection applies. Accordingly, a terminal disclaimer in compliance with § 1.321(c) is enclosed herewith. Based on this terminal disclaimer, withdrawal of the rejection of claims 1-40 is respectfully requested pursuant to 37 C.F.R. § 1.130(b). The Office is authorized to charge the credit card specified in the enclosed Credit Card Payment Form in the amount of **\$65.00** as the fee specified in 37 CFR 1.20 for the filing of the enclosed Terminal Disclaimer.

C. Information Disclosure Statement

Consideration of the enclosed Information Disclosure Statement and the reference(s) cited therein is respectfully requested.

C.1. Items Obtained From The Internet Archive Wayback Machine

Several of the enclosed items were obtained from the Internet Archive Wayback Machine at <http://www.archive.org>. The Internet Archive is a 501(c)(3) non-profit that was founded in 1996 to build an 'Internet library,' with the purpose of offering permanent access for researchers, historians, and scholars to historical collections that exist in digital format. According to <http://www.archive.org/about/faqs.php> :

The Internet Archive Wayback Machine is a service that allows people to visit archived versions of Web sites. Visitors to the Wayback Machine can type in a URL, select a date range, and then begin surfing on an archived version of the Web.

There is no guarantee that items obtained from the Internet Archive Wayback Machine represent complete and accurate records. As noted at <http://www.archive.org/about/faqs.php> :

If you look at our collection of archived sites, you will find some broken pages, missing graphics, and some sites that aren't archived at all.

* * *

Broken images (when there is a small red "x" where the image should be) occur when the images are not available on our servers. Usually this means that we did not archive them.

* * *

Not every date for every site archived is 100% complete. When you are surfing an incomplete archived site the Wayback Machine will grab the **closest available date** to the one you are in for the links that are missing. In the event that we do not have the link archived at all, the Wayback Machine will look for the link on the live web and grab it if available.

(Emphasis added.)

The Internet Archive states that date codes are embedded in its archived records, as noted below:

Pay attention to the **date code embedded in the archived url**. This is the list of numbers in the middle; it translates as **yyyymmddhhmmss**. For example in this url <http://web.archive.org/web/20000229123340/http://www.yahoo.com/> the date the site was crawled was **Feb 29, 2000 at 12:33 and 40 seconds**.

<http://www.archive.org/about/faqs.php> (emphasis added; reproduced in part in Item AQ enclosed herewith).

C.2. Litigation Pending In Patent Relating To The Present Application

U.S. Patent No. 6,591,085 (“the ‘085 patent”), based on U.S. Application Serial No. 10/197,367 from which the present application claims priority, is the subject of litigation currently pending in the United States District Court for the Middle District of North Carolina, including Civil Action No. 1:04-CV-00850 (“the Litigation”). A number of new references have been brought to Applicant’s attention by virtue of the Litigation, as reflected in the completed forms PTO/SB/08A and PTO/SB/08B provided with the accompanying Information Disclosure Statement.

Defendant in the Litigation has alleged that the claims of the ‘085 patent are invalid under 35 U.S.C. § 102 and/or § 103 based on one or more of the following:

- (1)(a) Arkon SF340/SF345 products;
- (1)(b) Arkon CM-series products;
- (1)(c) Dr. Bott’s iPOD connection kit with FM transmitter;
- (1)(d) DLO Auto Connection Kit II with FM transmitter;
- (1)(e) Korean Patent Publication 2002010350;
- (1)(f) Korean Patent Publication 2002054686;
- (1)(g) U.S. Patent No. 6,304,764;
- (1)(h) U.S. Patent Publication No. 2002/0098813;
- (1)(i) U.S. Patent Publication No. 2002/0132651;

Items (1)(g), (1)(h), and (1)(i) above have already been made of record through Applicant’s prior submission of three Information Disclosure Statements.

Defendant in the Litigation has also alleged that all of the claims of the ‘085 patent are unenforceable for the failure of the patent applicant to disclose to the USPTO purported knowledge of:

- (2)(a) portable electronics multimedia mounting products offered for sale and/or sold by Arkon Resources, Inc., including the SF340/SF345 and CM-series multimedia mount products;
- (2)(b) Dr. Bott's iPOD connection kit with FM transmitter;
- (2)(c) DLO Auto Connection Kit II with FM transmitter; and
- (2)(d) the role and activities of Jow Tong Technology Co., Ltd. as at least a joint inventor of the claims of the '085 patent.

C.3. Summaries of Cited Items Identified In The Litigation

For the convenience of the Examiner, summaries of the items listed above follow, with citations to documents listed in the accompanying Information Disclosure Statement.

(1)(a) / (2)(a) Arkon SF340/SF345 products

Items AS-BE identified in the enclosed form PTO/SB/08B refer or relate to the SF340 and/or SF340 "Soundfeeder CD Mount" products sold and marketed by Arkon Resources, Inc. It is believed that each of the SF340 and SF345 products included a cigarette lighter cord and power plug, a power supply having 3V, 4.5V, 6V, or 9V output optionally connectable to a CD player, an audio cord connectable with a line output or headphone jack of a CD player, and a variable frequency FM stereo transmitter permitting audio signals received from a CD player to be transmitted to a car's FM radio, with the SF345 including a platform with spring-loaded padded jaws to hold a portable CD player in place, and the SF340 including a flat electronic mounting platform with hook and loop fastener strips for mounting a portable CD player instead of jaws. Installation and operation instructions for the SF340 product state the following steps:

1. Install holder stand to console or dash.
2. Plug in cigarette lighter cord.
3. Plug audio cord into CD player.

4. Plug DC cord into CD player.
5. Find blank FM station and tune in Sound Feeder signal.

See Item AS, page 3.

(1)(b) / (2)(a) Arkon CM-series products

Items BE and BJ-BR identified in the enclosed form PTO/SB/08B refer or relate to the CM-series multimedia mount products sold and marketed by Arkon Resources, Inc. Various CM-series models are shown and described, including the CM320 Windshield/Console Mount, CM323 Cup Holder Mount, CM328 Multi Angle Mount, and CM329 Vent Mount Kit. It is believed that each CM-series multimedia mount included a holder with adjustable legs and/or feet for holding a personal data assistant (PDA) or pocket-size handheld computer, a cigarette lighter cord and power plug, an audio cord connectable with a headphone jack of a PDA, and a variable frequency FM stereo transmitter permitting audio signals received from a PDA to be transmitted to a car's FM radio. It is uncertain whether CM-series products were capable of supplying power to a PDA. Item BJ depicts a "DC power cord," but no corresponding power cord appears to be depicted or described Items BK, BL, BM, BN, BO, with items BP-BQ stating that the CM-series devices were not capable of powering PDA devices:

One feature that was not available, was a PDA power plug. With the MultiMedia Mount, you will need to either run your PDA on its batteries or use the manufacturer's auto-adapter. I contacted Arkon to check if a version with a PDA power cord would be available and they told me that their engineers were working on the issue and should come out with a fix!

Item BP, page 4.

BUGS AND WISHES

1. No Power for Your Device

Arkon's been trying for a while to solve this problem and continues to work on it as of this writing. The issues lies with the amount of power coming out of your cigarette lighter (like 5-12V), and the amount of power your device pulls from its

AC Charger / Cradle (like 2 mili-Volts). Everything they've been able to come up with so far has fried every PDA connected to the Mount.

I'm not a EE, but I've tried to flow some power regulation ideas to them. However, this remains a very serious issue. In the mean time, Arkon recommends that users purchase a splitter / AC adapter for their cigarette lighter and plug both your device and the Multimedia mount into it.

Item BQ, page 9.

NOTE: The 12V DC power cord featured on the Arkon Multimedia Mount Kits is only designed to power the SoundFeeder transmitter and *does not* provide power to the Compaq iPAQ.

Item BR, page 1 (emphasis in original).

(1)(c) / (2)(b) Dr. Bott's iPod connection kit with FM transmitter

Item BS identified in the enclosed form PTO/SB/08B relates to the Dr. Botts iPod Connection Kit with FM Transmitter. The text of Item BS states, and the accompanying product photograph shows, that the product includes the following discrete items:

- Auto Charger for iPod
- FM Stereo Transmitter
- PocketDock for using standard FireWire cables with 3G iPods
- 2AAA batteries (for FM transmitter)
- Mini Stereo Extension Cable (male/female)
- Mini Stereo to RCA Cable
- Mini Stereo Connection Cable (male/male)
- iPod Carry Pouch

Item BS, pages 1, 4.

(1)(d) / (2)(c) DLO Auto Connection Kit II with FM transmitter

Items BT-BU identified in the enclosed form PTO/SB/08B relate to the DLO Auto Connection Kit II with FM transmitter product. The text and images of Item BT, and the photographs of Item BU, indicate that the DLO Auto Connection Kit II with FM transmitter includes the following discrete items:

- NeoPod Neoprene iPod Protector

- AutoPod FireWire Auto Charger (12V max. – play and charge iPod simultaneously)
- FM Transmitter (allows iPod to play through unused frequency on your FM dial)
- Dash mount (fits with NeoPod swivel belt clip mount)

Item BT, page 1; Item BU.

(1)(e) Korean Patent Publication 2002010350

Item AN identified in the enclosed form PTO/SB/08B is an English translation of Korean Patent Publication 2002010350, corresponding to document AG that was previously made of record in a prior Information Disclosure Statement. Item AN discloses a wireless MP3 player transmitter 200 having a MP3 player holder 201, an FM frequency converter 210 for converting an audio signal outputted from an MP3 player into an FM frequency, a power cable 224 for supplying power to the transmitter 200, an earphone cable 204 and earphone plug 202 connectable with a headphone jack of the MP3 player for communicating audio signals to the FM transmitter 200, a frequency selector 211, and a digital frequency display 220. Item AN fails to mention powering and/or charging of a MP3 player, or the use of coupling means disposed in a docking cavity for connecting an MP3 player with a FM transmitter and power/charging circuitry.

(1)(f) Korean Patent Publication 2002054686

Item AO identified in the enclosed form PTO/SB/08B is an English translation of Korean Patent Publication 2002054686, corresponding to document AH that was previously made of record in a prior Information Disclosure Statement. Item AO discloses a mobile terminal 202 including a MP3 decoder 208 combined with an FM transmitting module 210 permitting audio signals generated from MP3 player to be transmitted to an external receiving device. Item AO fails to mention powering and/or charging of a MP3

player, or the use of coupling means disposed in a docking cavity for connecting an MP3 player with a FM transmitter and power/charging circuitry.

(1)(g) U.S. Patent No. 6,304,764

U.S. Patent No. 6,304,764 has already been made of record in a prior Information Disclosure Statement as Item AI. U.S. 6,304,764 is directed to a hands-free cellular phone kit including a holder 92 for interfacing a cellular phone to a car stereo system, such as to permit one or more users to participate in a conference call utilizing a condenser microphone and stereo speakers of the car in which such users are contained. The holder may be adhered to a car dashboard or clipped to a heating vent in a car interior. *Id.*, col. 9, lines 12-25. FM transmission of audio signals to a car stereo system and powering and/or charging of a phone are disclosed; however, U.S. 6,304,764 fails to disclose a docking assembly specifically for use with an MP3 player. Rather, the patent states that “a switch is preferably provided for switching between using the car stereo system for cellular communication and for listening to other input such as from a radio station or compact disk.” *Id.*, col. 5, lines 44-47.

(1)(h) U.S. Patent Publication No. 2002/0098813

U.S. Patent Publication No. 2002/0098813 has already been made of record in a prior Information Disclosure Statement as Item AF. U.S. 2002/0098813 is directed to an apparatus for transmitting a RF modulated signal having a modulation frequency within the AM and/or FM band to a conventional AM/FM radio or stereo equipment to audibly reproduce the baseband audio content. U.S. 2002/0098813 states, for example:

[0038] It is contemplated to include circuitry within the apparatus 10 as known by one skilled in the art to configure the apparatus 10 for receiving MP3 files and/or other digital files via the first and second input ports 24, 26, for converting the same to an RF modulated signal having a modulation frequency within the AM

and/or FM band, and transmitting the RF modulated signal to an AM/FM radio or stereo equipment for playback.

[0039] The apparatus 10 also includes an output data port 36 connected to processing circuitry for connecting the apparatus 10 directly to an input port of the AM/FM radio or stereo equipment, or a computing device, such as a PDA, personal computer, laptop, cellular phone, etc. Hence, the apparatus 10 can process the data stream received by the input ports 24, 26 and directly transmit the processed data stream to the AM/FM radio or stereo equipment, or a local computing device, in a format suitable for audible reproduction by the AM/FM radio or stereo equipment, or the local computing device. The format can be, e.g., an audio data format analogous to an audio data format of audio content stored by a compact-disc or other storage medium/device.

U.S. 2002/0098813 fails to mention powering and/or charging of a MP3 player, or the use of coupling means disposed in a docking cavity for connecting an MP3 player with a FM transmitter and power/charging circuitry.

(1)(i) U.S. Patent Publication No. 2002/0132651

U.S. Patent Publication No. 2002/0132651 has already been made of record in a prior Information Disclosure Statement as Item AJ. U.S. 2002/0132651 is directed to portable communication terminals and is intended to permit such devices to be operated while they are being charged without requiring direct manipulation of their controls. Secondary controls and a display may be provided in the charging base and/or in a remote control unit. The charging base may be wire-coupled to an audio and/or video system. E.g., U.S. 2002/0132651 at ¶0049. Sound data to be stored on a portable terminal may be “pushed” to the terminal by infrared waves, radio waves, or wires. Id. at ¶0060. U.S. 2002/0132651 fails to disclose FM transmission of audio content from a portable media player to an external receiver, or the use of coupling means disposed in a docking cavity for connecting an MP3 player with a FM transmitter and power/charging circuitry.

(2)(d) The role and activities of Jow Tong Technology as a purported joint inventor of U.S. Patent No. 6,931,085

Jeff Grady of Netalog, Inc. was the original, sole and first inventor of the subject matter of U.S. Patent No. 6,591,085. Mr. Grady communicated his invention to Jow Tong Technology, which was hired and paid by Mr. Grady and Netalog to manufacture products embodying the subject matter conceived by Mr. Grady. Mr. Grady filed U.S. Patent Application No. 10/197,367 (which matured into U.S. Patent 6,591,085) on July 17, 2002. More than one year later, on October 1, 2003, Chung Hung Lin of Jow Tong Technology filed Taiwan Utility Model Application No. M245676, a copy of which with an accompanying English translation is identified in the enclosed form PTO/SB/08A and enclosed therewith.

D. Patentable Distinctions Between The Pending Claims And The Cited Art

Claims 1-98 include ten independent claims, namely, claims 1, 21, 36, 37, 38, 39, 40, 84, 92, and 98. The relationships between the independent claims and the remaining claims relating thereto are identified below:

<u>Independent claim</u>	<u>Related claims</u>
1	2-30, 41-50
31	32-35, 51-58
36	59-66
37	67-71
38	72-75
39	76-79
40	80-83

84	85-91
92	93-97
98	99-102

Claims 1-30 and 41-50 all require, *inter alia*, a “docking unit having a main body portion with a docking cavity therein ... with coupling means in the docking cavity for connecting the MP3 player with the FM transmitter and power/charging circuitry.” To Applicant’s knowledge, none of the cited materials disclose an FM transmitter and power supply/charging assembly such as claimed including these limitations.

Claims 31-35 and 51-58 all require, *inter alia*, “a main body portion defining a cavity for receiving the MP3 player ... [with] coupling means disposed in the cavity for connecting the MP3 player with the radio frequency transmitter and power/charging circuitry when the MP3 player is received by the cavity.” To Applicant’s knowledge, none of the cited materials disclose a radio frequency transmitter and power supply/charging assembly such as claimed including these limitations.

Claims 36 and 59-66 all require, *inter alia*, “a docking unit defining a docking cavity therein for receiving an MP3 player, and an electrical coupling disposed in the docking cavity and electrically coupleable with the MP3 player when the MP3 player is received by the docking cavity.” To Applicant’s knowledge, none of the cited materials disclose an FM transmitter and power supply/charging assembly such as claimed including these limitations.

Claims 37 and 67-71 all require, *inter alia*, “a docking unit with a docking cavity therein for receipt of an MP3 player ... and an adjustable mounting element adapted to maintain the MP3 player in any of a plurality of spatial positions, wherein the mounting element is affixed to a plug connector engageable with a cigarette lighter socket of a motor vehicle.” To Applicant’s

knowledge, none of the cited materials disclose an FM transmitter and power supply/charging assembly such as claimed including these limitations.

Claims 38 and 72-75 all require, *inter alia*, “a body adapted to receive the MP3 player [and] an electrical coupling affixed to the body to engage the MP3 player when the MP3 player is received by the body.” To Applicant’s knowledge, none of the cited materials disclose an FM transmitter and power supply/charging assembly as claimed including such limitations.

Claims 39 and 76-79 all require, *inter alia*, “structure defining a docking cavity for receipt therein of an MP3 player,” “at least one coupling disposed in the docking cavity and adapted to engage the MP3 player when the MP3 player is received by the docking cavity,” and “an adjustable mounting element affixed to a plug connector engageable with a cigarette lighter socket of a motor vehicle and adapted to maintain the MP3 player in any of a plurality of spatial positions.” To Applicant’s knowledge, none of the cited materials disclose a docking and power supply/charging and power supply/charging assembly such as claimed including these limitations.

Claims 40 and 80-83 all require, *inter alia*, “a cavity-defining body structure adapted to receive at least a portion of the MP3 player, the body having at least one associated electrical connector adapted to engage the MP3 player when the MP3 player is received by the body structure.” To Applicant’s knowledge, none of the cited materials disclose an audio transmitter and power supply /charging assembly such as claimed including these limitations.

Claims 84-91 all require, *inter alia*, “a body defining a docking cavity sized and shaped to receive at least a portion of the portable digital media player; [and] at least one electrical coupling disposed in the cavity and adapted to engage the portable digital media player when the player is

received by the body.” To Applicant’s knowledge, none of the cited materials disclose a docking assembly such as claimed including these limitations.

Claims 92-97 all require the steps of, *inter alia*, “providing a docking assembly comprising a cavity-defining body [having] an electrical coupling disposed in the cavity and adapted to engage the portable digital media player when [it] is received by the body” and “inserting at least a portion of the portable digital media player into the cavity, wherein the electrical coupling engages the portable digital media player during the inserting step.” To Applicant’s knowledge, none of the cited materials disclose a method for broadcasting signals from a portable digital media player to an external receiving device such as claimed including these limitations.

Claims 98-102 all require the steps of, *inter alia*, “providing a docking assembly comprising a body adapted to retain the portable digital media player [and] an electrical coupling disposed in or on the body and adapted to engage the portable digital media player when [it] is received by the body” and “operatively coupling the portable digital media player and the docking assembly in a single step of depressing at least a portion of the portable digital media player into or against the body to simultaneously engage the electrical coupling.” To Applicant’s knowledge, none of the cited materials disclose a method for broadcasting signals from a portable digital media player to an external receiving device such as claimed including these limitations.

E. Support For New Claims In Disclosure

Support for claims 1-102 in the specification as originally filed is identified in the following table.

<u>Claim</u>	<u>Support</u>
1	Original claim 1; FIGS. 1, 12, 13, 18, 19; ¶¶ 0010, 0020, 0030, 0033, 0035, 0037-0040, 0043, 0044, 0047, 0049, 0052, 0053, 0057, 0061, 0064, 0066, 0070, 0073, 0074, 0077, 0078

2	Original claim 2; FIGS. 1, 19; ¶¶ 0030, 0037, 0039, 0044, 0064, 0073
3	Original claim 3; FIGS. 1, 4, 7, 8, 12, 19; ¶¶ 0045, 0065, 0076
4	Original claim 4; FIGS. 1, 4, 7, 8, 12, 19; ¶¶ 0045, 0065, 0076
5	Original claim 5; ¶ 0045
6	Original claim 6; ¶ 0047
7	Original claim 7; ¶ 0041
8	Original claim 8; ¶¶ 0041, 0042
9	Original claim 9; ¶ 0042
10	Original claim 10; ¶¶ 0033; 0042
11	Original claim 11; FIGS. 18-19; ¶¶ 0010, 0073, 0074
12	Original claim 12; FIGS. 7, 8; ¶¶ 0020, 0043, 0055, 0077
13	Original claim 13; FIGS. 18-19; ¶¶ 0010, 0073, 0074
14	Original claim 14; ¶ 0055
15	Original claim 15; ¶¶ 0033, 0034, 0043, 0055
16	Original claim 16; FIGS. 1, 18; ¶¶ 0030, 0037, 0039, 0044, 0064, 0073
17	Original claim 17; ¶ 0041
18	Original claim 18; ¶¶ 0041, 0042
19	Original claim 19; ¶¶ 0033; 0042
20	Original claim 20; ¶¶ 0011, 0036, 0079
21	Original claim 21; FIGS. 1, 12; ¶¶ 0038, 0064, 0074
22	Original claim 22; FIG. 12; ¶ 0064
23	Original claim 23; FIG. 12; ¶ 0064
24	Original claim 24; FIGS. 12, 14, 16; ¶¶ 0066, 0069, 0071
25	Original claim 25; FIG. 12; ¶ 0071
26	Original claim 26; FIGS. 1, 18-19; ¶¶ 0030, 0039, 0044, 0073

27	Original claim 27; FIG. 19; ¶ 0075
28	Original claim 28; FIG. 19; ¶ 0075
29	Original claim 29; FIGS. 12, 15, 19
30	Original claim 30; FIGS. 12, 13, ¶¶ 0010, 0039, 0064, 0068
31	Original claim 31; FIGS. 1, 12, 13, 19; ¶¶ 0010, 0030, 0033, 0037-0040, 0043, 0044, 0047, 0052, 0053, 0057, 0061, 0064, 0070, 0073, 0074, 0077, 0078
32	Original claim 32; ¶¶ 0041, 0042
33	Original claim 33; ¶ 0042
34	Original claim 34; ¶¶ 0033; 0042
35	Original claim 35; FIG. 9; ¶¶ 0011, 0021, 0034, 0057, 0077
36	Original claim 36; FIGS. 1, 12, 18, 19; ¶¶ 0010, 0030, 0033, 0035, 0037-0040, 0043, 0044, 0047, 0052, 0053, 0057, 0061, 0064, 0070, 0073, 0074, 0077, 0078
37	Original claim 37; FIGS. 1, 12, 18, 19; ¶¶ 0010, 0030, 0033, 0035, 0037-0040, 0043, 0044, 0047, 0052, 0053, 0057, 0061, 0064, 0070, 0073, 0074, 0077, 0078
38	Original claim 38; FIGS. 1, 12, 18, 19; ¶¶ 0010, 0030, 0033, 0037-0040, 0043, 0044, 0047, 0052, 0053, 0057, 0061, 0064, 0070, 0073, 0074, 0077, 0078
39	Original claim 39; FIGS. 1, 9, 10, 12, 18, 19; ¶¶ 0010, 0011, 0021, 0030, 0034, 0037, 0039, 0044, 0047, 0051, 0052, 0054, 0057, 0064, 0070, 0073, 0074, 0077
40	Original claim 40; FIGS. 1, 12, 18, 19; ¶¶ 0010, 0030, 0033, 0037-0040, 0043, 0044, 0047, 0052, 0053, 0057, 0061, 0064, 0070, 0073, 0074, 0077, 0078
41	¶ 0047
42	FIG. 2; ¶¶ 0047, 0070
43	FIGS. 1-6; ¶¶ 0010, 0047
44	FIGS. 9, 19; ¶¶ 0021, 0034, 0057, 0077
45	¶¶ 0044, 0047, 0052, 0057
46	FIG. 8; ¶¶ 0052, 0057, 0061
47	¶ 0044
48	FIG. 9; ¶¶ 0011, 0021, 0034, 0057, 0077

49	¶¶ 0003, 0005
50	FIG. 19; ¶ 0075
51	¶ 0047
52	FIG. 2; ¶¶ 0047, 0070
53	FIGS. 1-6; ¶¶ 0010, 0047
54	¶¶ 0044, 0047, 0052, 0057
55	FIG. 9; ¶¶ 0011, 0021, 0034, 0057, 0077
56	¶¶ 0003, 0005
57	FIG. 19; ¶ 0075
58	FIGS. 1, 18-19; ¶¶ 0030, 0039, 0044, 0073
59	FIG. 9; ¶¶ 0021, 0034, 0057, 0077
60	¶ 0035
61	¶¶ 0044, 0047, 0052, 0057
62	FIG. 8; ¶¶ 0052, 0057, 0061
63	FIG. 9; ¶¶ 0011, 0021, 0034, 0057, 0077
64	¶¶ 0003, 0005
65	FIG. 19; ¶ 0075
66	FIGS. 1, 18-19; ¶¶ 0030, 0039, 0044, 0073
67	Original claim 1; FIGS. 1, 12, 19; ¶¶ 0047, 0064, 0070, 0074
68	¶¶ 0010, 0052, 0053, 0077, 0078
69	¶¶ 0003, 0005
70	FIG. 19; ¶ 0075
71	FIGS. 1, 18-19; ¶¶ 0030, 0039, 0044, 0073
72	FIG. 9; ¶¶ 0011, 0021, 0034, 0057, 0077
73	¶¶ 0003, 0005

74	FIG. 19; ¶ 0075
75	FIGS. 1, 18-19; ¶¶ 0030, 0039, 0044, 0073
76	FIG. 8; ¶¶ 0010, 0033, 0034, 0040, 0043, 0053, 0077, 0078
77	FIG. 19; ¶ 0075
78	FIGS. 1, 18-19; ¶¶ 0030, 0039, 0044, 0073
79	¶¶ 0003, 0005
80	FIG. 9; ¶¶ 0011, 0021, 0034, 0057, 0077
81	FIG. 19; ¶ 0075
82	FIGS. 1, 18-19; ¶¶ 0030, 0039, 0044, 0073
83	¶¶ 0003, 0005
84	FIGS. 1, 12, 18, 19; ¶¶ 0003, 0005, 0010, 0030, 0033, 0037-0040, 0043, 0044, 0047, 0052, 0053, 0057, 0061, 0064, 0070, 0073, 0074, 0077, 0078
85	¶ 0047
86	FIG. 2; ¶¶ 0047, 0070
87	Original claims 21-23; FIGS. 1, 12; ¶¶ 0038, 0049, 0064, 0074
88	¶ 0049
89	FIGS. 1, 18-19; ¶¶ 0030, 0039, 0044, 0073
90	FIG. 9; ¶¶ 0011, 0021, 0034, 0057, 0077
91	FIG. 19; ¶ 0075
92	FIGS. 1, 7, 8, 12, 18, 19; ¶¶ 0010, 0030, 0033, 0037-0040, 0043, 0044, 0047, 0052, 0053, 0057, 0061, 0064, 0070, 0073, 0074, 0077, 0078
93	¶¶ 0010, 0035, 0044, 0052-0054, 0077, 0078
94	¶¶ 0003, 0005
95	¶ 0005
96	FIG. 19; ¶ 0042, 0043, 0075
97	FIGS. 1, 18-19; ¶¶ 0030, 0039, 0044, 0053, 0073

98	FIGS. 1, 7, 8, 12, 18, 19; ¶¶ 0010, 0030, 0033, 0037-0040, 0043, 0044, 0047, 0052, 0053, 0057, 0061, 0064, 0070, 0073, 0074, 0077, 0078
99	¶¶ 0010, 0035, 0044, 0052-0054, 0077, 0078
100	¶¶ 0003, 0005
101	¶ 0005
102	FIG. 19; ¶ 0042, 0043, 0075

F. Fee Payable for Added Claims 41-102

Fees for claims 1-40 have been previously paid in connection with the new application filing and Applicant's preliminary amendments, including the third preliminary amendment filed on May 24, 2004 that included 7 independent claims and 40 total claims. By the present Amendment, Applicants have added 3 independent claims and 62 total claims. Accordingly, the Office is hereby authorized to charge the added claim fee of **\$1,850.00** [calculated as (3 x \$100 =) \$300 under 1.16(h) plus (62 x \$25 =) \$1,550 under 1.16(h)] to the credit card specified in the Credit Card Payment Form PTO-2038 enclosed herewith.

G. Petition for Extension of Time

Applicant hereby petitions for an extension of time for **three (3) months** for responding to the Office Action mailed on May 19, 2005. The Office is hereby authorized to charge the petition fee of **\$510.00** to the credit card specified in the Credit Card Payment Form PTO-2038 enclosed herewith.

H. Fee Computation

Enclosed is a Credit Card Payment Form PTO-2038 in the total amount of \$2,605.00, which includes the following items:

\$65.00 for submission of a terminal disclaimer;

\$180.00 in payment of the IDS fee under 37 C.F.R. §1.17(p);

\$1,850.00 for added claims; and

\$510.00 for a 3-month extension of time (1.17(a)(3)).

Any deficiency or additional fee payable in respect of the entry of this Amendment is hereby authorized to be charged to USPTO Deposit Account Number 08-3284 of Intellectual Property/Technology Law.

I. New Power of Attorney

A copy of an executed "Power of Attorney To Prosecute Applications Before The USPTO" form PTO/SB/80, along with an accompanying statement under 37 C.F.R. 3.73(b) (form PTO/SB/96), are enclosed herewith for entry in the present application.

J. Conclusion

Claims 1-102 as provided herein and now pending in the application, and are believed to be in form and condition for allowance. Issue of a Notice of Allowance for the application is therefore requested.